

RS PRO 1829732

RS PRO 5.5mm Hex Socket Screwdriver Instruction Manual

Model: 1829732

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1. INTRODUCTION

This instruction manual provides essential information for the safe and efficient use of your RS PRO 5.5mm Hex Socket Screwdriver. This tool is designed for fastening and unfastening hexagonal head screws and nuts. Please read this manual thoroughly before using the tool and retain it for future reference.

2. SAFETY INFORMATION

Always observe basic safety precautions when using hand tools to reduce the risk of injury.

- **Wear appropriate personal protective equipment (PPE)**, such as safety glasses, to protect against flying debris.
- **Inspect the tool before each use.** Do not use if the handle is cracked, the shaft is bent, or the socket is damaged.
- **Use the correct size tool for the fastener.** Using an incorrect size can damage the fastener or the tool, and may cause injury.
- **Do not use the screwdriver as a pry bar or chisel.** This can damage the tool and cause injury.
- **Ensure a firm grip on the handle.** Avoid oily or greasy hands.
- **Apply steady, controlled force.** Avoid excessive force or sudden jerks.
- **Keep out of reach of children.**
- **Store tools properly** in a dry, secure location.

3. PRODUCT OVERVIEW

The RS PRO 5.5mm Hex Socket Screwdriver is a robust hand tool designed for precision and durability. It features a comfortable handle for improved grip and control, a sturdy shaft, and a 5.5mm hexagonal socket for engaging compatible fasteners.



Figure 1: Full view of the RS PRO 5.5mm Hex Socket Screwdriver, showing the red and black handle, metal shaft, and hexagonal socket tip.



Figure 2: Close-up view of the 5.5mm hexagonal socket tip and part of the shaft, highlighting the precision of the tool's working end.

4. SETUP

The RS PRO Hex Socket Screwdriver is ready for use directly out of the packaging. No assembly is required.

1. **Unpack the tool:** Carefully remove the screwdriver from its packaging.

2. **Inspect for damage:** Before first use, visually inspect the tool for any signs of damage during shipping or manufacturing. Ensure the handle is secure, the shaft is straight, and the socket is free from deformities.
3. **Verify fastener size:** Confirm that the fastener you intend to work with requires a 5.5mm hexagonal socket.

5. OPERATING INSTRUCTIONS

Follow these steps for effective and safe operation of your hex socket screwdriver:

1. **Select the correct fastener:** Ensure the fastener has a hexagonal head compatible with a 5.5mm socket.
2. **Position the tool:** Place the hexagonal socket firmly over the head of the fastener, ensuring a snug fit. The socket should fully engage the fastener head.
3. **Apply rotational force:**
 - To **tighten**, turn the handle clockwise.
 - To **loosen**, turn the handle counter-clockwise.
4. **Maintain pressure:** While turning, apply steady downward pressure to keep the socket engaged with the fastener and prevent slipping.
5. **Avoid over-tightening:** Tighten fasteners only until they are secure. Over-tightening can strip threads or damage the fastener or workpiece.
6. **Remove the tool:** Once the task is complete, carefully lift the screwdriver straight off the fastener.

6. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your RS PRO Hex Socket Screwdriver.

- **Cleaning:** After each use, wipe the tool clean with a dry cloth to remove dirt, grease, or debris. For stubborn grime, a mild detergent solution can be used, followed by thorough drying.
- **Storage:** Store the screwdriver in a dry environment, away from excessive moisture and corrosive chemicals. A tool rack or toolbox is recommended to prevent damage and keep it organized.
- **Inspection:** Periodically inspect the socket for wear or deformation. A worn socket can slip and damage fasteners. Check the handle for cracks and the shaft for bends. Replace the tool if significant wear or damage is observed.

7. TROUBLESHOOTING

This section addresses common issues you might encounter while using the hex socket screwdriver.

Problem	Possible Cause	Solution
Socket slips on fastener head.	Incorrect socket size; worn socket; fastener head is stripped; insufficient downward pressure.	Ensure correct 5.5mm socket size. Replace tool if socket is worn. Replace fastener if stripped. Apply firm downward pressure.

Problem	Possible Cause	Solution
Cannot loosen a tight fastener.	Fastener is seized or over-tightened; insufficient leverage.	Apply penetrating oil if seized. Ensure firm grip and steady force. For extremely tight fasteners, consider using a wrench with a socket or professional assistance. Do not use extensions or cheater bars on the screwdriver handle.
Tool handle feels loose or cracked.	Tool damage due to impact or wear.	Discontinue use immediately. A damaged handle can lead to loss of control and injury. Replace the tool.

8. SPECIFICATIONS

Key technical specifications for the RS PRO 5.5mm Hex Socket Screwdriver, Model 1829732.

Feature	Detail
Brand	RS PRO
Model Number	1829732
Head Type	Hexagonal Socket
Socket Size	5.5 mm
Blade Length	125 mm
Overall Length	225 mm
Color	Black (handle)
Number of Items	1

9. WARRANTY AND SUPPORT

Specific warranty information for the RS PRO 5.5mm Hex Socket Screwdriver is not provided within this document. For details regarding warranty coverage, returns, or technical support, please refer to the original purchase documentation or contact RS PRO directly through their official website or customer service channels.

Always provide the model number (1829732) and purchase date when seeking support.